



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2009
Code: 11201325
SAU: Old Town School Department
School: Leonard Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores	2
Summary of Student Participation	3
English Language Arts – Reading Results	4-6
Mathematics Results	7-9

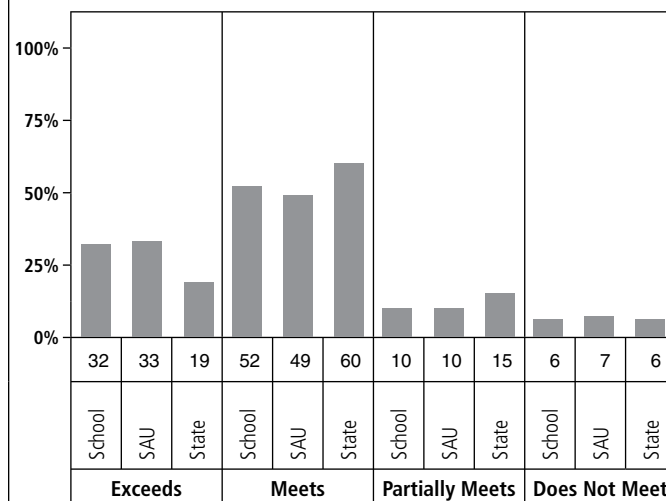
SUMMARY OF SCORES

Test Date: March 2009
Grade: 7
SAU: Old Town School Department
School: Leonard Middle School

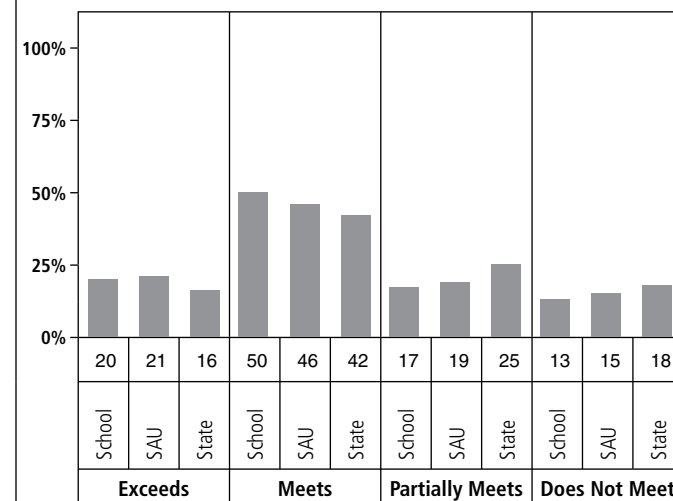
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	751	752	748
2007–2008	757	759	750
2008–2009	754	754	751
Cum. Avg.*	754	755	750
Mathematics			
2006–2007	741	742	742
2007–2008	746	749	743
2008–2009	749	748	745
Cum. Avg.*	745	746	743

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 7
SAU: Old Town School Department
School: Leonard Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	89	100	71	100	14446	100	89	100	71	100	14316	99	88	99	70	99	14322	99						
Ethnicity African American/Black	1	1	1	1	432	3	1	100	1	100	416	97	1	100	1	100	421	98						
American Indian or Native Alaskan	1	1	2	3	124	1	1	100	2	100	121	98	1	100	2	100	122	99						
Asian or Pacific Islander	0	0	0	0	260	2	0	0	0	0	255	98	0	0	0	0	259	100						
Hispanic	1	1	1	1	147	1	1	100	1	100	144	99	1	100	1	100	144	99						
Caucasian/White	86	97	67	94	13483	93	86	100	67	100	13380	99	85	99	66	99	13376	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	23	26	21	30	2428	17	23	100	21	100	2391	99	22	96	20	95	2391	99						
Current LEP	0	0	1	1	334	2	0	0	1	100	318	95	0	0	1	100	328	98						
Economically disadvantaged	35	39	25	35	5498	38	35	100	25	100	5431	99	34	97	24	96	5436	99						
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	70	79	54	76	11742	81	70	79	55	77	11754	81						
Identified disability (PET/IEP)	5	7	5	9	367	3	5	7	5	9	365	3						
LEP	0	0	1	2	168	1	0	0	1	2	169	1						
504 plan	4	6	4	7	183	2	4	6	4	7	187	2						
Participation with accommodations	17	19	15	21	2367	16	16	18	13	18	2366	16						
Identified disability (PET/IEP)	16	94	14	93	1819	77	15	94	13	100	1824	77						
LEP	0	0	0	0	143	6	0	0	0	0	154	7						
504 plan	0	0	0	0	84	4	0	0	0	0	80	3						
Other	1	6	1	7	358	15	1	6	0	0	346	15						
Participation through alternate assessment (PAAP)	2	2	2	3	205	1	2	2	2	3	202	1						
Identified disability (PET/IEP)	2	100	2	100	205	100	2	100	2	100	202	100						
LEP	0	0	0	0	5	2	0	0	0	0	5	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	2	0												
Approved non-participation – special consideration	0	0	0	0	33	0	0	0	0	0	32	0						
Non-participation – other	0	0	0	0	97	1	1	1	1	1	92	1						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 7
SAU: Old Town School Department
School: Leonard Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 762–780)	2006-2007	32	29	22	28	2630	18
	2007-2008	33	32	28	38	2604	18
	2008-2009	28	32	23	33	2618	19
	Cum. Total*	93	31	73	33	7852	18
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 742–760)	2006-2007	56	51	43	54	7605	51
	2007-2008	62	61	42	58	8049	55
	2008-2009	45	52	34	49	8484	60
	Cum. Total*	163	55	119	54	24138	56
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 730–740)	2006-2007	10	9	7	9	3000	20
	2007-2008	6	6	3	4	2672	18
	2008-2009	9	10	7	10	2108	15
	Cum. Total*	25	8	17	8	7780	18
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 700–728)	2006-2007	12	11	8	10	1620	11
	2007-2008	1	1	0	0	1190	8
	2008-2009	5	6	5	7	899	6
	Cum. Total*	18	6	13	6	3709	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	36.3	64.8	35.8	63.9	34.4	61.4
A1/A2 Interconnected Elements/Literary Text	20	36	12.6	63.0	12.4	62.0	11.8	59.0
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	23.7	65.8	23.4	65.0	22.6	62.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: Old Town School Department
 School: Leonard Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	87	28	32	45	52	9	10	5	6	754	69	33	49	10	7	754	14109	19	60	15	6	751
Ethnicity																						
African American/Black	1										1						409	11	49	22	18	744
American Indian or Native Alaskan	1										2						117	12	53	19	16	746
Asian or Pacific Islander	0										0						253	24	59	11	6	753
Hispanic	1										1						142	14	56	17	13	747
Caucasian/White	84	27	32	45	54	8	10	4	5	754	65	34	51	9	6	754	13188	19	61	15	6	751
Not Reported	0										0						0					
Identified disability																						
Yes	21	0	0	11	52	6	29	4	19	739	19	0	53	26	21	738	2186	2	36	35	27	737
No	66	28	42	34	52	3	5	1	2	759	50	46	48	4	2	759	11923	22	65	11	3	754
Current LEP																						
Yes	0										1						311	4	41	29	26	739
No	87	28	32	45	52	9	10	5	6	754	68	34	49	10	7	753	13798	19	61	15	6	751
Economically disadvantaged																						
Yes	33	6	18	18	55	6	18	3	9	748	23	9	52	26	13	743	5300	8	58	22	11	746
No	54	22	41	27	50	3	6	2	4	758	46	46	48	2	4	759	8809	25	61	10	4	754
Migrant																						
Yes	0										0						8	13	50	38	0	747
No	87	28	32	45	52	9	10	5	6	754	69	33	49	10	7	754	14101	19	60	15	6	751
Gender																						
Female	52	22	42	23	44	5	10	2	4	757	37	46	38	11	5	757	6993	24	61	11	4	754
Male	35	6	17	22	63	4	11	3	9	749	32	19	63	9	9	750	7116	14	60	18	8	749
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	14	1	7	11	79	1	7	1	7	750	14	7	79	7	7	750	1025	10	53	27	11	745
No	73	27	37	34	47	8	11	4	5	755	55	40	42	11	7	755	13084	19	61	14	6	752
Gifted/talented program																						
Yes	7	7	100	0	0	0	0	0	0	773	7	100	0	0	0	773	676	66	33	1	0	766
No	80	21	26	45	56	9	11	5	6	752	62	26	55	11	8	751	13433	16	61	16	7	750

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 7
SAU: Old Town School Department
School: Leonard Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	24	5	24	11	52	4	19	1	5	750	22	20	53	20	7	748	7	8	48	25	19	743
B. less than one hour	59	18	35	28	55	4	8	1	2	756	60	37	54	7	2	756	52	17	62	15	6	751
C. one to two hours	15	5	38	6	46	1	8	1	8	758	16	45	36	9	9	759	37	23	61	12	4	753
D. more than two hours	1	0	0	0	0	0	0	1	100	728	1	0	0	0	100	728	4	19	53	18	10	750
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	30	16	62	8	31	2	8	0	0	762	29	55	35	10	0	762	30	33	56	7	4	756
B. good	48	11	27	24	59	3	7	3	7	753	51	31	54	6	9	753	49	16	64	14	5	751
C. fair	20	1	6	13	76	2	12	1	6	747	16	9	73	9	9	746	19	5	59	26	10	745
D. poor	2	0	0	0	0	2	100	0	0	737	3	0	0	100	0	737	3	3	45	32	21	740
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	36	13	42	16	52	2	6	0	0	759	36	42	54	4	0	759	33	24	62	10	3	754
B. They match some of what I have learned.	44	14	38	19	51	2	5	2	5	757	46	39	48	6	6	757	52	18	62	15	5	751
C. They match just a little of what I have learned.	16	1	7	9	64	3	21	1	7	748	13	11	56	22	11	746	11	11	54	23	13	746
D. There is no match.	4	0	0	0	0	2	67	1	33	721	4	0	0	67	33	721	3	6	38	29	27	739
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	18	3	20	9	60	1	7	2	13	749	17	27	55	0	18	749	17	16	55	18	12	748
B. about the same as my regular schoolwork	69	20	34	29	50	7	12	2	3	755	71	34	49	13	4	755	65	19	62	14	5	752
C. easier than my regular schoolwork	13	5	45	6	55	0	0	0	0	760	12	50	50	0	0	760	17	22	60	13	5	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	13	1	9	5	45	3	27	2	18	740	14	11	44	22	22	739	9	4	44	27	24	740
B. Most of the passages were about the same as what I normally read.	40	8	24	19	58	5	15	1	3	754	34	27	50	18	5	752	54	14	63	17	5	750
C. Most of the passages were easier than what I normally read.	47	19	49	20	51	0	0	0	0	761	52	47	53	0	0	761	38	28	60	9	3	756
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	47	12	30	24	60	2	5	2	5	755	47	34	56	3	6	755	44	19	60	15	6	751
B. I tried about the same as I do on my regular schoolwork.	50	16	37	19	44	6	14	2	5	755	50	35	41	18	6	753	51	19	62	13	5	752
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	2	67	1	33	0	0	745	3	0	100	0	0	748	5	9	51	26	15	744
How much time do you spend reading at home each day?																						
A. more than one hour	26	9	41	9	41	3	14	1	5	756	28	32	47	16	5	754	21	27	57	11	5	755
B. 20 minutes to an hour	42	14	39	20	56	1	3	1	3	758	44	43	50	3	3	758	45	22	62	12	4	753
C. less than 20 minutes	15	4	31	7	54	1	8	1	8	755	15	40	40	10	10	754	13	13	61	17	8	749
D. I rarely read at home.	17	1	7	9	60	4	27	1	7	744	13	0	67	22	11	741	21	7	59	24	11	746
Optional school/SAU question																						
A.	25	0	0	1	50	0	0	1	50	728	33	0	50	0	50	728						
B.	25	0	0	0	0	1	50	1	50	732	17	0	0	0	100	728						
C.	50	0	0	3	75	1	25	0	0	749	50	0	67	33	0	745						
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 7
SAU: Old Town School Department
School: Leonard Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 762–780)	2006-2007	11	10	8	10	2142	14
	2007-2008	18	18	17	23	2028	14
	2008-2009	17	20	14	21	2220	16
	Cum. Total*	46	15	39	18	6390	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 742–760)	2006-2007	50	46	38	48	5642	38
	2007-2008	39	38	30	41	5703	39
	2008-2009	43	50	31	46	5879	42
	Cum. Total*	132	44	99	45	17224	40
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 728–740)	2006-2007	30	28	20	25	4077	27
	2007-2008	33	32	19	26	3733	26
	2008-2009	15	17	13	19	3537	25
	Cum. Total*	78	26	52	24	11347	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 700–726)	2006-2007	18	17	13	16	3001	20
	2007-2008	12	12	7	10	3054	21
	2008-2009	11	13	10	15	2484	18
	Cum. Total*	41	14	30	14	8539	20

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	32.4	57.9	32.1	57.3	29.9	53.4
A. Number	14	25	8.3	59.3	8.4	60.0	7.7	55.0
B. Data	16	29	8.8	55.0	8.7	54.4	8.1	50.6
C. Geometry	12	21	7.2	60.0	7.1	59.2	6.9	57.5
D. Algebra	14	25	8.0	57.1	7.9	56.4	7.3	52.1

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: Old Town School Department
 School: Leonard Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	86	17	20	43	50	15	17	11	13	749	68	21	46	19	15	748	14120	16	42	25	18	745
Ethnicity																						
African American/Black	1										1						416	5	26	28	41	733
American Indian or Native Alaskan	1										2						119	8	30	31	30	737
Asian or Pacific Islander	0										0						258	25	43	19	13	750
Hispanic	1										1						142	8	39	23	30	739
Caucasian/White	83	16	19	43	52	13	16	11	13	749	64	20	47	17	16	748	13185	16	42	25	17	745
Not Reported	0										0						0					
Identified disability																						
Yes	20	0	0	4	20	6	30	10	50	729	18	0	22	28	50	729	2189	2	17	27	53	728
No	66	17	26	39	59	9	14	1	2	755	50	28	54	16	2	755	11931	18	46	25	11	748
Current LEP																						
Yes	0										1						323	4	20	28	48	729
No	86	17	20	43	50	15	17	11	13	749	67	21	45	19	15	748	13797	16	42	25	17	745
Economically disadvantaged																						
Yes	32	3	9	16	50	6	19	7	22	742	22	5	41	23	32	737	5308	7	35	30	28	738
No	54	14	26	27	50	9	17	4	7	753	46	28	48	17	7	754	8812	21	46	22	11	749
Migrant																						
Yes	0										0						8	0	50	38	13	742
No	86	17	20	43	50	15	17	11	13	749	68	21	46	19	15	748	14112	16	42	25	18	745
Gender																						
Female	52	13	25	29	56	5	10	5	10	752	37	30	46	14	11	753	6992	16	43	25	16	745
Male	34	4	12	14	41	10	29	6	18	743	31	10	45	26	19	743	7128	15	41	25	19	744
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	14	0	0	7	50	4	29	3	21	740	14	0	50	29	21	740	1024	7	26	36	31	736
No	72	17	24	36	50	11	15	8	11	750	54	26	44	17	13	750	13096	16	43	24	17	745
Gifted/talented program																						
Yes	7	7	100	0	0	0	0	0	0	777	7	100	0	0	0	777	676	68	29	2	0	767
No	79	10	13	43	54	15	19	11	14	746	61	11	51	21	16	745	13444	13	42	26	18	744

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 7
SAU: Old Town School Department
School: Leonard Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	24	2	10	11	52	3	14	5	24	744	22	7	53	13	27	743	7	6	30	28	36	735
B. less than one hour	59	11	22	26	51	9	18	5	10	750	60	22	46	20	12	749	52	16	42	25	17	745
C. one to two hours	15	4	31	6	46	3	23	0	0	756	16	36	36	27	0	757	37	18	44	24	14	747
D. more than two hours	1	0	0	0	0	0	0	1	100	702	1	0	0	0	100	702	4	15	38	24	22	743
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	34	11	38	16	55	1	3	1	3	760	40	41	52	4	4	760	26	35	43	12	9	754
B. good	40	5	15	15	44	10	29	4	12	746	42	11	39	36	14	744	46	13	48	25	15	745
C. fair	24	1	5	11	55	3	15	5	25	741	18	0	50	17	33	736	23	3	32	37	27	737
D. poor	2	0	0	1	50	1	50	0	0	738	0						5	1	22	37	40	731
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	38	5	15	22	67	6	18	0	0	752	35	17	58	25	0	752	26	23	43	20	13	749
B. They match some of what I have learned.	48	7	17	20	49	7	17	7	17	747	50	18	47	18	18	747	53	15	45	26	15	746
C. They match just a little of what I have learned.	10	2	22	1	11	2	22	4	44	736	12	25	13	13	50	736	17	9	35	32	24	740
D. There is no match.	3	3	100	0	0	0	0	0	0	773	3	100	0	0	0	776	4	7	21	22	51	730
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	23	1	5	10	50	4	20	5	25	741	22	0	53	20	27	740	37	8	40	29	23	740
B. about the same as my regular schoolwork	58	7	14	29	58	10	20	4	8	748	57	13	54	23	10	747	51	16	44	25	15	746
C. easier than my regular schoolwork	19	9	56	4	25	1	6	2	13	761	21	64	14	7	14	762	12	41	35	13	11	755
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	49	3	7	23	55	9	21	7	17	744	49	9	48	21	21	743	48	14	42	27	17	744
B. I tried about the same as I do on my regular schoolwork.	48	12	29	20	49	6	15	3	7	753	49	27	45	18	9	752	47	18	43	23	16	746
C. I did not try as hard on this test as I do on my regular schoolwork.	3	2	67	0	0	0	0	1	33	755	3	100	0	0	0	770	5	14	27	25	34	738
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	6	0	0	1	20	1	20	3	60	731	3	0	0	0	100	722	8	8	30	29	33	737
B. 30–45 minutes	14	1	8	5	42	6	50	0	0	745	16	9	36	55	0	746	38	13	40	27	20	743
C. 45–60 minutes	45	10	26	21	54	4	10	4	10	752	43	28	48	10	14	752	42	20	45	23	12	748
D. more than 60 minutes	35	6	20	16	53	4	13	4	13	749	38	19	50	15	15	747	12	16	42	25	17	745
How often do you use calculators in mathematics class?																						
A. almost every day	12	2	20	2	20	3	30	3	30	742	12	25	25	25	25	745	15	19	38	25	19	745
B. two or three days a week	21	8	44	7	39	0	0	3	17	756	24	50	31	0	19	757	31	18	42	24	16	746
C. two or three times a month	31	4	15	12	44	7	26	4	15	746	32	9	41	32	18	743	26	17	43	24	17	746
D. never or almost never	36	3	10	22	71	5	16	1	3	749	32	9	68	18	5	749	28	11	42	27	19	743
How often do you use laptops in mathematics class?																						
A. almost every day	36	5	16	19	61	4	13	3	10	749	31	10	57	19	14	745	10	12	39	24	24	741
B. two or three days a week	30	1	4	18	69	5	19	2	8	747	34	4	65	22	9	747	22	13	43	26	18	744
C. two or three times each month	20	6	35	5	29	3	18	3	18	751	21	43	21	21	14	753	33	18	44	25	13	747
D. never or almost never	14	5	42	1	8	3	25	3	25	748	15	50	10	10	30	753	35	16	40	25	19	744
Optional school/SAU question																						
A.	25	0	0	1	50	0	0	1	50	735	33	0	50	0	50	735						
B.	25	0	0	1	50	0	0	1	50	730	17	0	0	0	100	702						
C.	50	1	25	1	25	0	0	2	50	742	50	0	33	0	67	733						
D.	0										0											